

SEPA ENVIRONMENTAL CHECKLIST

UPDATED 2014

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants: [\[help\]](#)

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals: [\[help\]](#)

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. background [\[help\]](#)

1. Name of proposed project, if applicable: [\[help\]](#)

WDFW Crane Road Fire Barbed Wire Fence

2. Name of applicant: [\[help\]](#)

Washington Department of Fish and Wildlife

3. Address and phone number of applicant and contact person: [\[help\]](#)

Washington Department of Fish and Wildlife
600 Capitol Way North
Olympia, Wa. 98501
Contact: Cindy Knudsen

4. Date checklist prepared: [\[help\]](#)

9 18 2014

5. Agency requesting checklist: [\[help\]](#)

Washington Department of Fish and Wildlife

6. Proposed timing or schedule (including phasing, if applicable): [\[help\]](#)

Fall, 2014

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. [\[help\]](#)

No.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. [\[help\]](#)

None.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. [\[help\]](#)

None.

10. List any government approvals or permits that will be needed for your proposal, if known. [\[help\]](#)

None.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.) [\[help\]](#)

This project is a rebuild of an existing barbed wire fence that burned in the Crane Road Fire. The 7.2 miles of new fence will be constructed in the same alignment as the old fence. The new fence will have three or four strand wire, stretch and corner braces, and drop down or panel gates installed, to match conditions at the

site. The fence will be 38" height, with steel posts spaced at 16 feet. Posts will be drilled into rock that cannot otherwise be driven in. Fence flags tags will be installed, used as a visual marker to deter grouse from flying into the fence. Wire removed from the site will be taken to a local landfill or recycled. Please refer to drawings for construction details.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist. [\[help\]](#)

From Interstate 90 take exit 85, and follow ramp right for WA-970/1st street E / E 1st street. Keep right on to WA-970 / 1st St. E. / E 1st st. Keep right onto WA-970 E. Keep straight onto WA-970 / 1st St. E. / E 1st st. Keep straight onto US 97, then take ramp right for US-97 North / US – 2 East toward Wenatchee and keep straight. Take ramp right for US-97 / US-97/ Sunset Highway. Stay on US – 97. Turn right onto Crane Orchard Rd., then keep straight onto Central Ferry Canyon Road. Keep left to stay on Central Ferry Canyon Road.

There are four areas along the boundaries of the Central Ferry Canyon Wildlife Area where the new fence will be installed. The Crane Road Fire Fence is located in Township 29 North, Range 24 East, sections 3, 10, and 15 of W.M. and in Township 30 North, Range 24 East, sections 33, 34, W.M., In Douglas County. Please see site drawing for details.

B. ENVIRONMENTAL ELEMENTS [\[help\]](#)

1. Earth

a. General description of the site [\[help\]](#)
(circle one): Flat, rolling, **hilly**, steep slopes, mountainous,
other _____

b. What is the steepest slope on the site (approximate percent slope)? [\[help\]](#)

The steepest slope is 20%

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils. [\[help\]](#)

Wellsdam ashy fine sandy loam and Wesssdam-Couleedam-Rock outcrop complex soils are found throughout the site.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [\[help\]](#)

None are known.

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill. [\[help\]](#)

No filling are grading will be done during fence installation.

. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. [\[help\]](#)

No, erosion is not expected during fence removal and reconstruction activities.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? [\[help\]](#)

None.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: [\[help\]](#)

None are proposed.

2. Air

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known. [\[help\]](#)

None.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. [\[help\]](#)

No.

c. Proposed measures to reduce or control emissions or other impacts to air, if any: [\[help\]](#)

None.

3. Water

a. Surface Water: [\[help\]](#)

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into. [\[help\]](#)

Central Ferry Canyon Creek is within 200 feet of the fencing. This creek is primarily a dry bed creek. If water is seasonally present it eventually flows into the Columbia River .

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. [\[help\]](#)

The fence will be within 200 feet of the Canyon Creek, roughly paralleling it.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. [\[help\]](#)

None.

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. [\[help\]](#)

No,

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. [\[help\]](#)

No.

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. [\[help\]](#)

No waste materials will be discharged into surface waters.

b. Ground Water:

- 1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known. [\[help\]](#)

No ground water will be withdrawn for any purpose.

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve. [\[help\]](#)

No waste materials will be discharged into the ground from septic tanks or any other source.

c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe. [\[help\]](#)

Stormwater runoff from the barbed wire fence will fall to the ground where it will follow natural drainage patterns..

- 2) Could waste materials enter ground or surface waters? If so, generally describe. [\[help\]](#)

No.

- 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

No drainage patterns will be altered.

- d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

None are proposed.

4. **Plants** [\[help\]](#)

- a. Check the types of vegetation found on the site: [\[help\]](#)

☐ deciduous tree: alder, maple, aspen, other
☐ evergreen tree: fir, cedar, pine, other
☒ shrubs
☒ grass
☐ pasture
☐ crop or grain
☐ Orchards, vineyards or other permanent crops.
☐ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
☐ water plants: water lily, eelgrass, milfoil, other
☐ other types of vegetation

- b. What kind and amount of vegetation will be removed or altered? [\[help\]](#)

Shrubs, may have to be cleared 2' on each side of the fenceline.

- c. List threatened and endangered species known to be on or near the site. [\[help\]](#)

A check of the DNR Natural Heritage website was done 8 28 14. No threatened plants are in any of the sections of the proposed project.

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: [\[help\]](#)

No landscaping is proposed.

- e. List all noxious weeds and invasive species known to be on or near the site.

Dalmation toadflax (*Linaria dalmatica* ssp. *dalmatica*) could be present in the Central Ferry Canyon Area.

5. **Animals**

- a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site. Examples include: [\[help\]](#)

birds: hawk, heron, eagle, songbirds, other:

mammals: deer, bear, elk, beaver, other:

fish: bass, salmon, trout, herring, shellfish, other _____

- b. List any threatened and endangered species known to be on or near the site. [\[help\]](#)

**This is generally a shrub stepp habitat where sharp tail grouse and sage grouse could be present.
No other species are known.**

- c. Is the site part of a migration route? If so, explain. [\[help\]](#)

Deer may migrate through the area.

- d. Proposed measures to preserve or enhance wildlife, if any: [\[help\]](#)

The fence will have hang tags installed that will act a visual deterrant for sage grouse to prevent injury from flying into the fence.

- e. List any invasive animal species known to be on or near the site.

None are known.

6. Energy and natural resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. [\[help\]](#)

No energy will be required from the completed project.

- b. Would your project affect the potential use of solar energy by adjacent properties?
If so, generally describe. [\[help\]](#)

No. The barbed wire fence will not affect the use of solar energy from any properties nearby.

- c. What kinds of energy conservation features are included in the plans of this proposal?
List other proposed measures to reduce or control energy impacts, if any: [\[help\]](#)

None are proposed.

7. Environmental health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal?
If so, describe. [\[help\]](#)

No environmental health hazards are known.

- 1) Describe any known or possible contamination at the site from present or past uses.

No source of contamination is known, there are some burned fence posts that will remain on site.

- 2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

No existing hazardous chemicals or conditions are anticipated that could affect project development or design.

- 3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

No hazardous chemical compounds are known that could be used or produced by the barbed wire fence.

- 4) Describe special emergency services that might be required.

No emergency services are anticipated.

- 5) Proposed measures to reduce or control environmental health hazards, if any:

None are proposed.

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? [\[help\]](#)

None.

- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site. [\[help\]](#)

There will be some short term noise during construction during typical working hours of 7 – 5 p.m. There will be quad engine noise and rock drill noise (similar to a chainsaw) during installation of the fence. No noise will be generated from the completed project.

- 3) Proposed measures to reduce or control noise impacts, if any: [\[help\]](#)

None.

8. Land and shoreline use

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. [\[help\]](#)

The fence is within the WDFW Wells Wildlife Area, Central Ferry Canyon Wildlife Unit. This area provides habitat for wildlife, and recreation area for birders, hunters, hikers. Adjacent properties are rural, with light residential, and agricultural use.

- b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use? [\[help\]](#)

The property where the fences are installed have not been used as working farmlands or working forest lands.

- 1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

- c. Describe any structures on the site. [\[help\]](#)

Presently, there are sections of old barbed wire fencing where the new fence will be built.

- d. Will any structures be demolished? If so, what? [\[help\]](#)

Sections of the old burned fence will be removed and disposed of off site at an approved facility.

- e. What is the current zoning classification of the site? [\[help\]](#)

Agriculture

- f. What is the current comprehensive plan designation of the site? [\[help\]](#)

Rangeland

- g. If applicable, what is the current shoreline master program designation of the site? [\[help\]](#)

Not applicable

- h. Has any part of the site been classified as a critical area by the city or county? If so, specify. [\[help\]](#)

No

- i. Approximately how many people would reside or work in the completed project? [\[help\]](#)

No persons will reside at the project site.

j. Approximately how many people would the completed project displace? [\[help\]](#)

None.

k. Proposed measures to avoid or reduce displacement impacts, if any: [\[help\]](#)

None

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [\[help\]](#)

The Crane fence project will not affect any local subarea plans. The fence project is in accordance with WDFW Central Ferry Canyon Wildlife Unit. Replacing the fence will support wildlife management goals and habitat conservation plans.

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

This boundary fence for Central Ferry Canyon Wildlife Area, is compliance with neighboring agricultural and forest land areas, and the Wells Wildlife Area management plans.

9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. [\[help\]](#)

No housing units will be provided.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. [\[help\]](#)

No housing units will be eliminated.

c. Proposed measures to reduce or control housing impacts, if any: [\[help\]](#)

None are proposed.

10. Aesthetics

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? [\[help\]](#)

XXX

b. What views in the immediate vicinity would be altered or obstructed? [\[help\]](#)

None.

- c. Proposed measures to reduce or control aesthetic impacts, if any: [\[help\]](#)

None are proposed.

11. Light and glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? [\[help\]](#)

No effects from glare from this fence project are expected.

- b. Could light or glare from the finished project be a safety hazard or interfere with views? [\[help\]](#)

No.

- c. What existing off-site sources of light or glare may affect your proposal? [\[help\]](#)

None are known.

- d. Proposed measures to reduce or control light and glare impacts, if any: [\[help\]](#)

None are proposed.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity? [\[help\]](#)

Hunting, hiking, and bird watching and horseback riding are all popular.

- b. Would the proposed project displace any existing recreational uses? If so, describe. [\[help\]](#)

No.

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: [\[help\]](#)

No measures are proposed to control or impact any recreational activities.

13. Historic and cultural preservation

- a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers located on or near the site? If so, specifically describe. [\[help\]](#)

The Packwood Cemetary, also known as the Dyer hill Cemetary or the Pleasant Hill Cemetary, with the first burial in 1889, officially established in 1928, is in the southern area of the fence project. No official listing on the state or local preservation registers is listed on the DAHP WISSARD web page.

- b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources. [\[help\]](#)

The Packwood Cemetary is located near the southern end of the fence line in T29N R24E S15

- c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc. [\[help\]](#)

An internal WDFW archeological cultural review was conducted for the southernmost portion of the fence project. Results from that review concluded that there is a low potential from fence construction to cause effects to the cemetery.

Washington State Department of Archelogy and Historic Preservation, reviewed the other portion of the fence and determined that there would be *no effect* on cultural resources. Tribal consultation was conducted by WDFW. The Spokane Tribe expressed no concern with the project. No other tribal comments were received.

- d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

An Inadvertent Discovery Plan for Cultural Resources for the Crane Road Fence Project in Douglas County, Washington, provided by the WDFW archeologist will be followed during construction for any unanticipated discovery of artifacts.

14. Transportation

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any. [\[help\]](#)

US-97 / US-97/ Sunset Highway, Orchard Road, and Central Ferry Canyon Road provide access to this site.

- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop? [\[help\]](#)

The nearest public access site is unknown.

- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? [\[help\]](#)

None.

- d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private). [\[help\]](#)

None.

- e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. [\[help\]](#)

No.

- f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates? [\[help\]](#)

No vehicular trips will be generated by the completed project. No increased transportation effects to the site or from the site are anticipated.

- g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

No agricultural or forest product affects are anticipated during or after fence construction.

- h. Proposed measures to reduce or control transportation impacts, if any: [\[help\]](#)

None are proposed.

15. Public services

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe. [\[help\]](#)

No.

- b. Proposed measures to reduce or control direct impacts on public services, if any. [\[help\]](#)

None are proposed.

16. Utilities

- a. Circle utilities currently available at the site: [\[help\]](#)
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,
other _____

No utilities are present at the site.

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. [\[help\]](#)

No utilities are proposed for this project. General construction activities will depend on equipment brought to the site.

C. Signature [HELP]

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: Cynthia Knudsen

Name of signee Cynthia Knudsen

Position and Agency/Organization WDFW - BIODIVERSITY

Date Submitted: 9-18-14